Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 09 Sep 2023 until 23:59 on Sunday 10 Sep 2023

Forecast Issued on Friday 08 Sep 2023 at 13:31

Confidence: High confidence for the current warm and settled spell gradually breaking down with thundery showers and becoming cooler early next week. Lower confidence for details of cloud and thunderstorms.

Headline for Saturday 09 Sep 2023: Very warm with sunny spells, but risk of thundery showers.

Mountain weather hazards on Saturday 09 Sep 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Thundery showers	Thundery showers	Light rain showers (night)
Precipitation probability							
00%	00%	00%	10%	20%	30%	30%	20%

Forecast for Saturday 09 Sep 2023

Weather: Dry and warm overnight, with some patchy low cloud perhaps developing on western slopes. This soon clearing to leave another very warm day with sunny spells. There is a risk of heavy, thundery showers developing from late morning. Most areas will likely stay dry, but where storms do occur there is the possibility of torrential downpours, lightning and hail.

Chance of cloud-free hill tops above 600m: 70% soon becoming near 100%.

Low cloud and visibility: Some patchy low cloud, base 100-300m, on western slopes first thing but this soon lifting and clearing. Thereafter, cloud mostly well above the hilltops, with any thunderstorms from high based cloud. Visibility mostly good, although not excellent with some haziness. Poor in any heavy showers and very poor in early patchy low cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Saturday 09 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/11 SW	8/10 SW	7/11 SW	7/10 W	5/8 W	6/10 W	4/6 SW	7/10 NE	9/12 SE
300	4/5 SW	4/6 SW	3/5 SW	4/6 W	4/7 W	5/8 W	4/7 NW	5/7 E	6/9 E
Valley	1/4 S	2/4 SE	1/3 SE	2/5 W	3/6 W	4/8 W	3/7 NW	4/8 E	7/13 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/18	18/17	17/17	19/18	21/21	22/22	20/21	19/18	19/18
300	20/21	19/19	18/19	20/21	23/24	24/25	23/24	20/21	19/19
Valley	19/21	18/20	18/19	21/22	24/25	25/26	23/24	21/22	20/20
Freezing Level*	3600m	3600m	3500m	3500m	3500m	3400m	3500m	3400m	3400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Another very warm day, with moderate UV levels, so sun protection and adequate hydration is recommended. However, there is a risk of torrential downpours so waterproofs are also recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 08 Sep 2023	0mm	0mm	0mm

Forecast for Sunday 10 Sep 2023

Weather: Perhaps some patchy low cloud developing in the early hours, soon clearing. Another very warm day with sunny spells and a risk of heavy, thundery showers.

Maximum wind: Light and variable.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Some patchy low cloud, base 100-300m, is possible first thing but this soon lifting and clearing. Thereafter, cloud mostly well above the hilltops, with any thunderstorms from higher based cloud. Visibility mostly good. Poor in any heavy showers and very poor in early patchy low cloud.

Temperature: **Valleys:** Plus 17 Celsius becoming plus 29 Celsius.
At 600m: Plus 21 Celsius.
Freezing level: Well above the hilltops.

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